High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences Education   Pathway: Electronics

Region: Wasatch Font North Region	Districts: Davis, Morgan, Ogden, Weber	School:	College/Institution: Weber State University
			Articulation Agreement in place? Yes **X** No
Contact Person: Janet James	Ph.#: (801) 626-8547		Name of Degree or Certificate: *AAS Computer Engineering*
E-mail: janetjames@weber.edu	Date: 4/2/07		*Technology*

High School				College		
Course Number	**High School Suggested Academic Courses**	**H.S. Credit**	**College Credits**	**Course Number**	**College General Education Requirements**	**College Credits**
	CE Writing *	.5	3 ➔	ENGL EN 1010	Intro to Writing	3
	Inter. Writing (USU) *	.5	3 ➔	ENGL EN 2010	Intermediate Writing	3
52.0417	Computer Technology Word Processing * Electronic Spreadsheets & Databases * (see note below)		3 ➔	TBE 1700	Introduction to Microcomputer Applications (3-5) 1701 Intro to Word Processing (1) 1702 Intro to Microcomp., E-Mail, OS, & Graphic Presentations (1) 1703 Intro to Spreadsheets (1) **OR** University Computer Literacy Exams (TBE: TA1501, TB1502 & TC1503)	
	CE Psychology * **OR** Law Enforcement *	1	3 ➔	Gen ED	Social Science Elective	3
	CE Communications *	.5	3 ➔	COMM HU 2110	Interpersonal & Small Group Communication	3

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school.
See your individual school for specific program offering. **Note: *= concurrent   ^= distant   ➔=concurrent**

High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences Education   Pathway: Electronics

High School				College		
Course CIP #	**CTE Pathway Courses (2.00 credits for completion)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**College Credits**
Course #	**Foundation Courses: (1.50 credits required)**	Credit				
47.0105	Electronics I	.50				
47.0105	Digital Electronics * ** (Refer to additional information below)	1.00	4 ➔	CEET 1130	Digital Systems	4
	Elective Courses: (.50 credit)					
32.0199	Student Internship (Critical Workplace Skills)	.50				
	Additional Articulated Classes					
				CEET 1105	PC fundamentals	4
				CEET 1110	Basic Electronics	2
				CEET 1120	Information Technology	2
	Electronics Technician (Refer to note ** for credit)			CEET 1140	AC and DC Circuits	4
				CEET 2000	Engineering Seminar	1
				CEET 2110	Semiconductor Devices	4
	Electronics Technician (Refer to note ** for credit)			CEET 2140	Communications Circuits	4
				CEET 2150	Embedded Controllers	4
				CEET 2899	Associated Degree Assessment	0
					Required Support Courses	
				MATH 1080	Pre-Calculus	5
				MATH 1210	Calculus I	4
				MATH 1220	Calculus II **OR** CEET 2120 Power and Control Circuits for students not continuing on for the BS degree (4) CEET 2130 PC Board Design (4)	4
				CS 2250	Structured Computing in a Selected Language	4
				PHYS PS/SI 2210	Physics for Scientists & Engineers I	5
TOTAL Potential Credits Earned in High School			**19**	**TOTAL Credits Required for Degree or Certificate**		**63**

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** NOTE: *Electronics Technician **or** Digital Electronics--PLTW*

Updated 4/2/07